



Attorney Docket No.: 0019696-0144

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Spreafico, *et al* Examiner: J. Alcala  
Serial No.: 10/081,197 Art Unit: 2827  
Filing Date: February 22, 2002

Title: METHODS FOR JOINING HIGH TEMPERATURE SUPERCONDUCTING  
COMPONENTS IN A SUPERCONDUCTING CABLE WITH NEGLIGIBLE CRITICAL  
CURRENT DEGRADATION AND ARTICLES OF MANUFACTURE IN  
ACCORDANCE THEREWITH

Assistant Commissioner for Patents  
Washington, DC 20231  
Sir:

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on January 28, 2003.

Susan M. Dinsmore

**TRANSMITTAL**

Enclosed herewith please find:

1. Office Action Response Under 37 C.F.R. §1.111 (12 pgs.);
2. Petition for Extension of Time Under 37 C.F.R. §1.136;
3. Check in the amount of \$410.00; and
4. Return postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,

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**OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.111**

This Response to Office Action is filed in response to the Office Action mailed August 28, 2002, rejecting claims 1-15. Claims 16-29 stand withdrawn due to a restriction requirement. The cited references are U.S. Patent Nos. 6,159,905 to Buczek, *et al.* (hereinafter, "Buczek"), 3,643,001 to Schaetti, *et al.* (hereinafter, "Schaetti"), and 5,786,304 to Kimura, *et al.* (hereinafter, "Kimura"). The following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

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